

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/566,556  
Applicants : Josephus Arnoldus KAHLAN et al.  
Filed : 27 January 2006  
TC/A.U. : 1641  
Confirmation : 6157  
Examiner : DO, Pensee T.  
Atty. Docket : NL030949

Title: ON-CHIP MAGNETIC PARTICLE SENSOR WITH IMPROVED SNR

<b>Expedited Procedure Requested Technology Center 1641</b>
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**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116**

Mail Stop **AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action of 14 October 2009, please amend the above referenced application as follows and reconsider the application in light of the following remarks.

**This paper includes** (each beginning on a separate sheet):

- 1. Amendments to the claims;**
- 2. Remarks/Discussion of issues.**